FIGURE 1
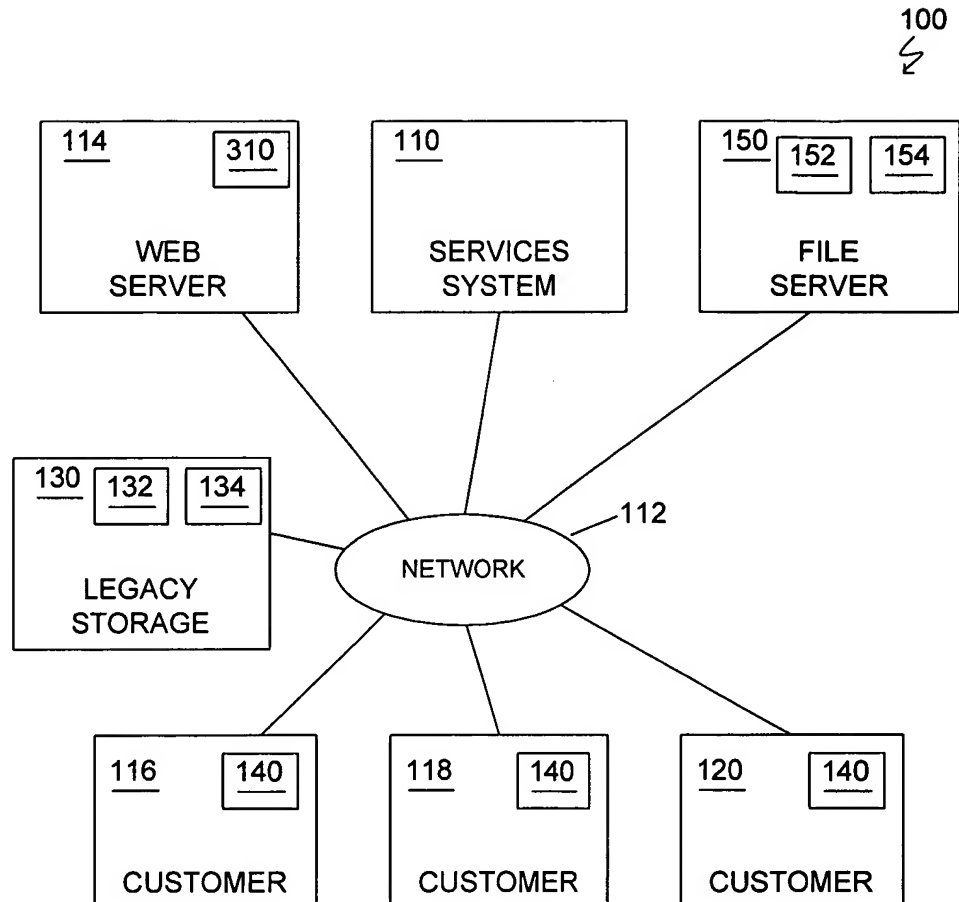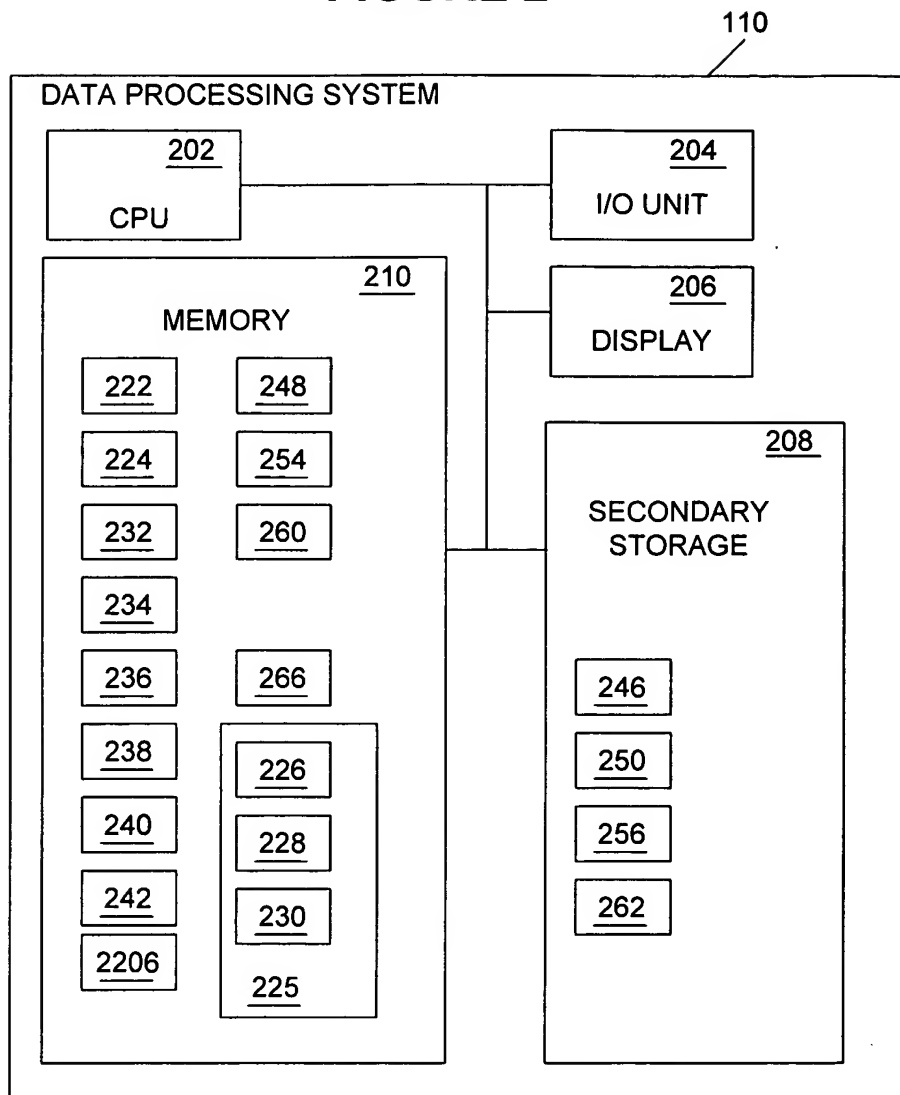
100

LEGEND

132 - LEGACY DATA STORAGE DEVICE
134 - LEGACY STORAGE CONTROLLER
140 - WEB BROWSER
152 - FILE MANAGER
154 - FILE SERVER STORAGE
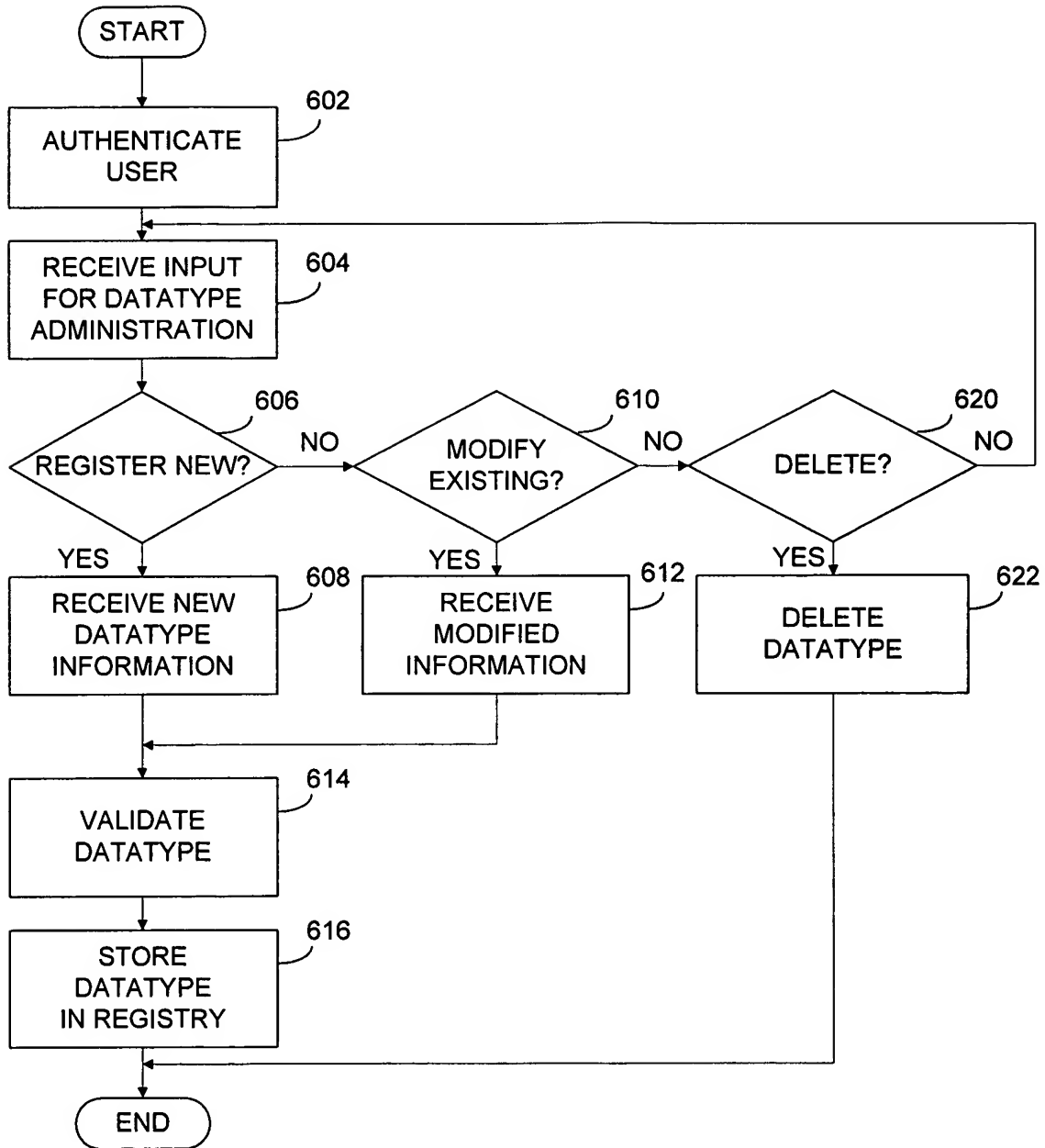310 - REGISTRATION ADMIN. WEBSITE

FIGURE 2

110

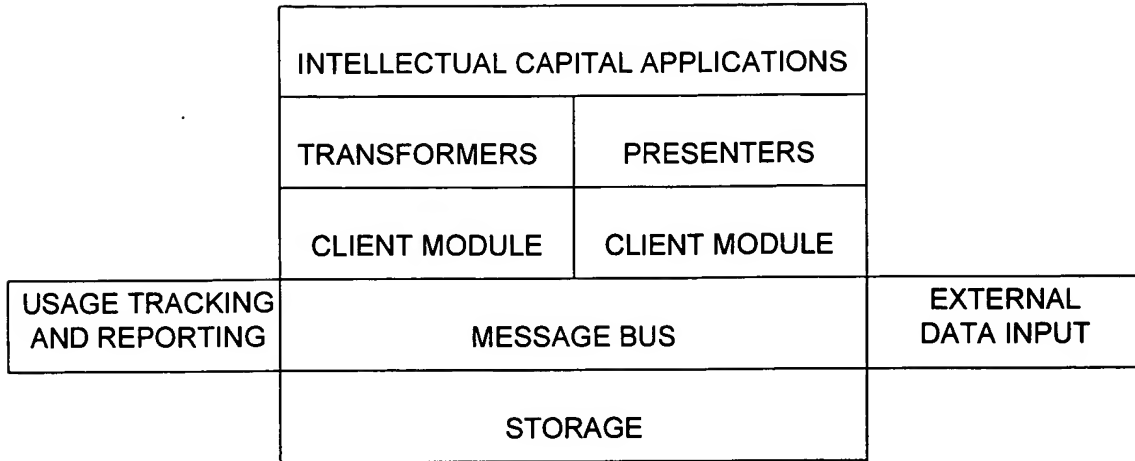DATA PROCESSING SYSTEM

202

CPU

204

I/O UNIT

210

MEMORY

222	248
224	254
232	260
234	
236	266
238	

206

DISPLAY

208

SECONDARY STORAGE

246
250
256
262

226

228

230

225

240

242

2206

LEGEND

222 - REGISTRATION BLOCK
224 - BUS MANAGER
225 - STORAGE CONTROLLER
226 - LEGACY STORAGE CONTROLLER
228 - CORE STORAGE CONTROLLER
230 - TEMP. STORAGE CONTROLLER
232 - COMMON SERVICES BLOCK
234 - TRANSFORMER BLOCK
236 - PRESENTER BLOCK
238 - EXTERNAL DATA INPUT MGR.
240 - REGISTRY

242 - VIRTUAL DATABASE
246 - LISTS
248 - PROPERTIES RDBMS
250 - PROPERTIES DATABASE
254 - MESSAGE BROKER CLUSTER
256 - MESSAGE QUEUE REPOSITORY
260 - CLIENT MODULE
262 - LOCAL FILE SYSTEM
266 - MESSAGE QUEUE RDBMS
2206 - DATATYPE MAPPING EDITOR

FIGURE 6

START

AUTHENTICATE
USER — 602

RECEIVE INPUT
FOR DATATYPE
ADMINISTRATION — 604

REGISTER NEW? — 606

NO

MODIFY
EXISTING? — 610

NO

DELETE? — 620

NO

YES

RECEIVE NEW
DATATYPE
INFORMATION — 608

YES

RECEIVE
MODIFIED
INFORMATION — 612

YES

DELETE
DATATYPE — 622

VALIDATE
DATATYPE — 614

STORE
DATATYPE
IN REGISTRY — 616

END

FIGURE 9

INTELLECTUAL CAPITAL APPLICATIONS	
TRANSFORMERS	PRESENTERS
CLIENT MODULE	CLIENT MODULE

USAGE TRACKING AND REPORTING	MESSAGE BUS	EXTERNAL DATA INPUT

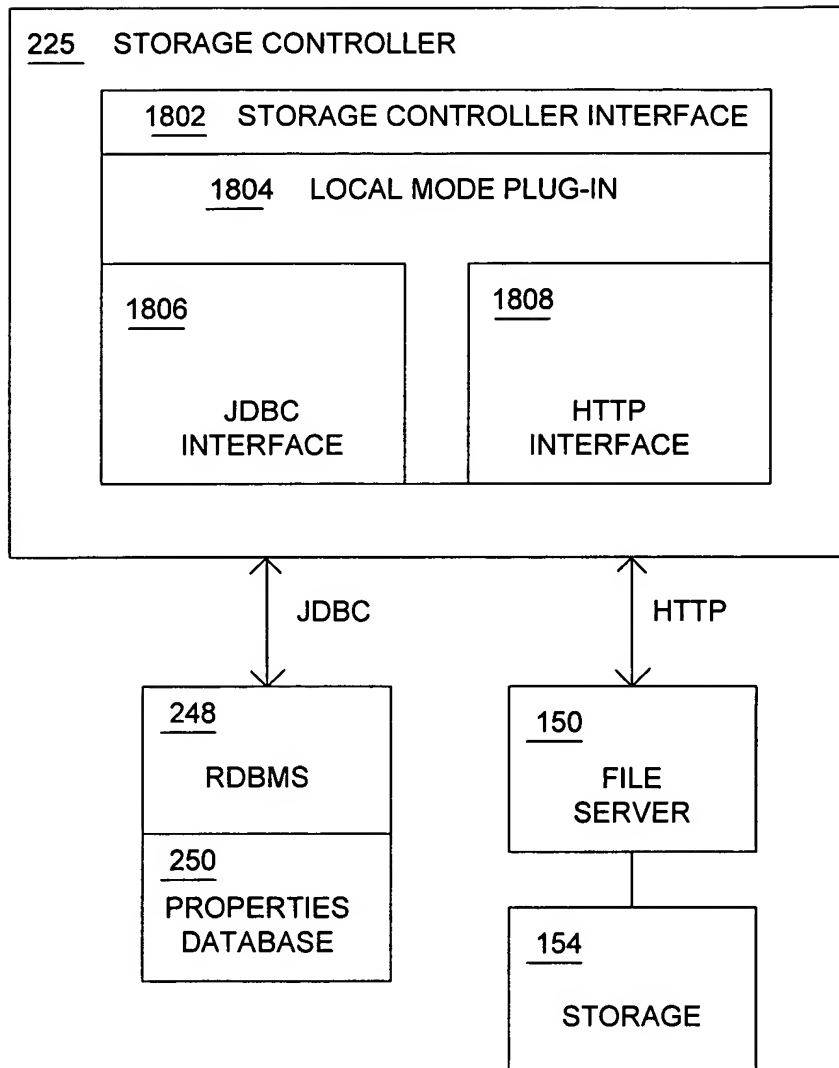| STORAGE |
|---|

RELATIONSHIPS BETWEEN INTELLECTUAL CAPITAL
APPLICATIONS AND OTHER FUNCTIONAL COMPONENTS

FIGURE 18

225   STORAGE CONTROLLER

1802   STORAGE CONTROLLER INTERFACE

1804   LOCAL MODE PLUG-IN

1806

**JDBC
INTERFACE**

1808

**HTTP
INTERFACE**

JDBC

HTTP

248

RDBMS

250

**PROPERTIES
DATABASE**

150

**FILE
SERVER**

154

STORAGE

FIGURE 19

225 STORAGE CONTROLLER

1802 STORAGE CONTROLLER INTERFACE

1902 REMOTE MODE PLUG-IN

1910 HTTP INTERFACE

HTTP

1904 HTTP INTERFACE

1906 REMOTE SERVER

1806 JDBC INTERFACE

1808 HTTP INTERFACE

JDBC

HTTP

248 RDBMS

250 PROPERTIES DATABASE

150 FILE SERVER

154 STORAGE